

10/526,524

YONG CHU

02/08/2006

\$%^STN;HighlightOn=;HighlightOff=;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAYLC1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 DEC 05 CASREACT(R) - Over 10 million reactions available
NEWS 4 DEC 14 2006 MeSH terms loaded in MEDLINE/LMEDLINE
NEWS 5 DEC 14 2006 MeSH terms loaded for MEDLINE file segment of TOXCENTER
NEWS 6 DEC 14 CA/CAPplus to be enhanced with updated IPC codes
NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAPplus with the
IPC reform
NEWS 8 DEC 23 New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/
USPAT2
NEWS 9 JAN 13 IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 10 JAN 13 New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to
INPADOC
NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA

NEWS EXPRESS JANUARY 03 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 14:24:58 ON 08 FEB 2006

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:25:11 ON 08 FEB 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

DICTIONARY FILE UPDATES: 7 FEB 2006 HIGHEST RN 873775-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

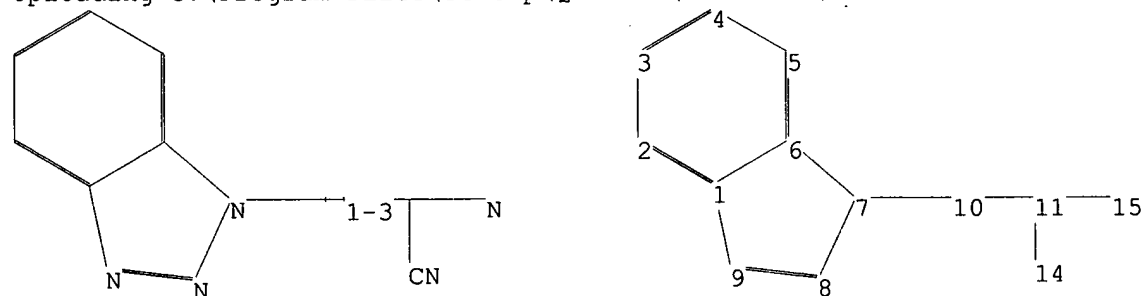
Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10526524\10526524.str



chain nodes :

10 11 14 15

ring nodes :

1 2 3 4 5 6 7 8 9

chain bonds :

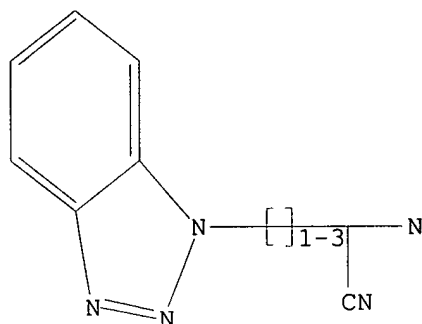
7-10 10-11 11-14 11-15

ring bonds :
 1-2 1-6 1-9 2-3 3-4 4-5 5-6 6-7 7-8 8-9
 exact/norm bonds :
 1-9 6-7 7-8 7-10 8-9 11-15
 exact bonds :
 10-11 11-14
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
 11:CLASS 14:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

=> d
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1
 SAMPLE SEARCH INITIATED 14:25:34 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 1 TO 80
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
 FULL SEARCH INITIATED 14:26:22 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 3 ANSWERS
 SEARCH TIME: 00.00.01

L3 3 SEA SSS FUL L1

=> file caplus
 COST IN U.S. DOLLARS SINCE FILE TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	167.38	167.59

FILE 'CAPLUS' ENTERED AT 14:26:32 ON 08 FEB 2006
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FILE COVERS 1907 - 8 Feb 2006 VOL 144 ISS 7
FILE LAST UPDATED: 7 Feb 2006 (20060207/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s 13

L4 1 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:252493 CAPLUS

DOCUMENT NUMBER: 140:270859

TITLE: preparation of cyanoalkylbenzotriazoles for controlling parasites on warm-blooded animals

INVENTOR(S): Ducray, Pierre; Goebel, Thomas; Gauvry, Noelle

PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma GmbH

SOURCE: PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

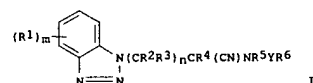
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024704	A1	20040325	WO 2003-EP10047	20030910
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, ME, MG, MK, MN, MU, MV, MY, NZ, OM, PA, PE, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SI, TJ, TM, TR, TT, UA, US, UZ, VC, VN, YU, ZA,			
ZW	RW: AM, AZ, BY, BG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, NE			
CA 2496112	AA	20040325	CA 2003-2496112	20030910
EP 1539719	A1	20050615	EP 2003-795004	20030910
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003014220	A	20050628	BR 2003-14220	20030910
US 2005272935	A1	20051208	US 2005-526524	20050302
PRIORITY APPLN. INFO.:			CH 2002-1542	A 20020911
			WO 2003-EP10047	W 20030910

OTHER SOURCE(S): MARPAT 140:270859

G1



AB Benzotriazoles I (R1 = halogen, CN, NO2, (un)substituted alkyl, cycloalkyl, alkylthio, arylthio, alkoxy, cycloalkoxy, acyl, alkylsulfinyl, alkylsulfonyl, NH2, aryl, aryloxy; R2-R4 = H, halogen, (un)substituted alkyl, cycloalkyl, Ph; R3R4 = alkylene; R5 = H, alkyl, acyl, alkoxyalkyl, carbamoyl, alkoxyalkyl, thioalkylcarbonyl, PhCH2; R6 = H, (un)substituted alkyl, alkoxy, NH2, aryl, hetaryl; Y = bond, CO, CS, S, S(O), SO2; n = 1-3; m = 1-4) were prepared for use as pesticides in controlling parasites on warm-blooded animals (no data). Thus, 5-chlorobenzotriazole was treated with ClCH2CO2Me, followed by reductive cyanation and reaction with 4-F3COC6H4COCl to give I (R1-R3, R5 = H, R4 = Me, R6 = 4-F3COC6H4, Y = CO, n = 1).

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

IT 674342-57-5P 674342-59-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation);

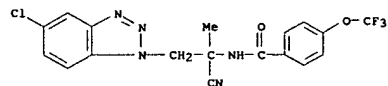
USES

(Uses)

(preparation of cyanoalkylbenzotriazoles for controlling parasites on warm-blooded animals)

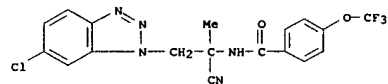
RN 674342-57-5 CAPLUS

CN Benzamide, N-[2-(5-chloro-1H-benzotriazol-1-yl)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



RN 674342-59-7 CAPLUS

CN Benzamide, N-[2-(6-chloro-1H-benzotriazol-1-yl)-1-cyano-1-methylethyl]-4-(trifluoromethoxy)- (9CI) (CA INDEX NAME)



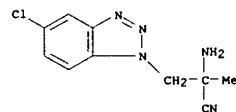
IT 674342-55-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of cyanoalkylbenzotriazoles for controlling parasites on warm-blooded animals)

RN 674342-55-3 CAPLUS

CN 1H-Benzotriazole-1-propanenitrile, α-amino-5-chloro-α-methyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	6.49	174.08
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 14:28:31 ON 08 FEB 2006

10/526,524

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	413	548/261.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:03
L2	577	514/359.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:03
L3	28	l1 and l2	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:05
L4	485	558/426.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:03
L5	722	514/521.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:04
L6	300	514/523.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:04
L7	19	l4 and l5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:09
L8	8	l4 and l6	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:11
L9	0	l4 and l1	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:04
L10	29358	benzotriazol?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:12
L11	15	amino ADJ aceto ADJ nitril?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:13
L12	0	l10 and l11	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:13
L13	0	benzo? ADJ triazole?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:14
L14	9991	triazole?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:14
L15	15983	benzo?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:14

EAST Search History

L16	178	I14 and I15	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:15
L17	0	I11 and I16	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:15
L18	40010	nitrile?	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:15
L19	32	I16 and I18	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:32
L20	1	"6667326".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:50
L21	1	"6620767".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:51
L22	1	"6673820".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:51
L23	5	"433811".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:58
L24	2	"466824".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 09:59
L25	6	"477289".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:01
L26	4	"480510".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:02
L27	5	"487167".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:03
L28	3	"489697".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:04
L29	5	"489897".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:04
L30	4	"496620".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:08

EAST Search History

L31	4	"501495".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:10
L32	4	"513806".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:11
L33	3	"514300".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:11
L34	3	"514904".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:12
L35	4	"518063".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:13
L36	3	"518210".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:15
L37	5	"677972".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/08 10:15
S1	1	"526524".ap.	US-PGPUB	OR	ON	2006/03/08 09:02